

Converting Colors

$Y_{xy}(11.5592, 0.3676, 0.4166)$

Have a look what the booklet for
Yxy(11.5592, 0.3676, 0.4166)
contains.

Yxy(11.4723, 0.3675, 0.4163)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.4723, 0.3675, 0.4163)

Conversions

Conversions Part 1

Format	Color
Hex	62613C
RGB	98, 97, 60
RGB Percent	38%, 38%, 24%
CMY	0.6157, 0.6196, 0.7646
CMYK	0.00, 0.01, 0.39, 0.62
HSL	58°, 24%, 31%
HSV	58°, 39%, 38%
XYZ	10.1275, 11.4723, 5.9580
YIQ	93.0810, 12.4730, -11.2950

Conversions

Conversions Part 2

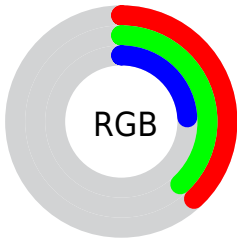
Format	Color
RYB	61, 98, 60
Decimal	6447420
CIELab	40.36, -5.91, 21.25
CIELCh	40, 22.058, 105.542
Yxy	11.4723, 0.3675, 0.4163
Android (android.graphics.Color)	4284637500 (0xFF62613C)
YUV	93.0810, -16.3089, 4.3140
Hunter-Lab	33.8708, -5.9018, 13.2802

Details

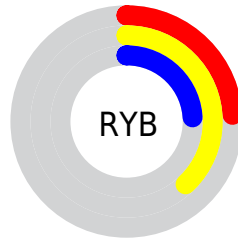
The Yxy color **11.4723, 0.3675, 0.4163** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.1820, 0.2476, 0.2236**, and the grayscale version is **11.0034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3397, 0.3537, 0.3926**, and **3.0862, 0.3895, 0.4623** is the 20% darker color. If you saturate the color by 10%, you get **11.3312, 0.3809, 0.4373**, and if you desaturate by 10%, it is **11.6338, 0.3534, 0.3940**.

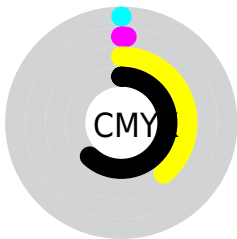
Distribution



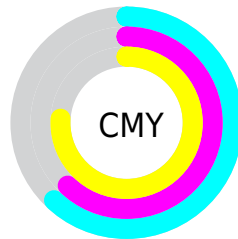
- Red (38%)
- Green (38%)
- Blue (24%)



- Red (24%)
- Yellow (38%)
- Blue (24%)



- Cyan (0%)
- Magenta (1%)
- Yellow (39%)
- Black (62%)




- Cyan (62%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.4723, 0.3675, 0.4163 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 11.4723, 0.3675, 0.4163 by changing the saturation by 10% instead.


 11.4723, 0.3675,
0.4163


 11.4723, 0.3675,
0.4163


 200.8798, 0.3348,
0.3623


 6.3855, 0.3777,
0.4349


 28.5303, 0.3541,
0.3933


 3.0808, 0.3918,
0.4626

 41.2702, 0.3495,
0.3858


 1.1741, 0.4474,
0.5526

 57.3300, 0.3458,
0.3798

 0.0404, 0.0000,
1.0000

 77.0939, 0.3428,
0.3750

 0.0000, 0.0000,
0.0000

 100.9465, 0.3403,
0.3710

 129.2720, 0.3382,

0.3676

162.4550, 0.3363,
0.3648

■ 11.4723, 0.3675,
0.4163

■ 11.4723, 0.3675,
0.4163

■ 11.3312, 0.3809,
0.4373

■ 11.6338, 0.3534,
0.3940

■ 11.2078, 0.3931,
0.4563

■ 11.8152, 0.3390,
0.3711

■ 11.1016, 0.4036,
0.4725

■ 12.0177, 0.3248,
0.3484

■ 11.0113, 0.4120,
0.4852

■ 12.2424, 0.3110,
0.3263

■ 10.9352, 0.4182,
0.4941

■ 12.4901, 0.2979,
0.3052

■ 10.8671, 0.4230,
0.5009

■ 12.7614, 0.2856,
0.2854

■ 10.8586, 0.4237,
0.5018

■ 13.0571, 0.2742,
0.2669

■ 13.3780, 0.2638,
0.2499

■ 13.7247, 0.2542,
0.2343

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.4723, 0.4012, 0.3947



11.4723, 0.3675, 0.4163



11.4723, 0.3206, 0.4123

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.4723, 0.3675, 0.4163



11.4723, 0.2237, 0.2866



11.4723, 0.3488, 0.2850

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.4723, 0.3675, 0.4163



5.1820, 0.2476, 0.2236

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.4723, 0.2986, 0.2602



11.4723, 0.3675, 0.4163



11.4723, 0.2297, 0.2588

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.4723, 0.3675, 0.4163



11.4723, 0.2390, 0.3309



11.4723, 0.2559, 0.2505



11.4723, 0.3912, 0.3201

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.4723, 0.3675, 0.4163



11.4723, 0.2885, 0.3931



11.4723, 0.2559, 0.2505



11.4723, 0.3321, 0.2754

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.4728, 0.3675, 0.4163



20.9292, 0.3299, 0.3565



6.1702, 0.3965, 0.3260



4.9682, 0.3310, 0.3583



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.4728, 0.3675, 0.4163



19.8665, 0.3804, 0.4366



10.7788, 0.3379, 0.4277



2.9587, 0.3250, 0.3486



14.4508, 0.4237, 0.5017



76.9885, 0.4240, 0.5015

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5.1820, 0.2476, 0.2236



7.0332, 0.2286, 0.1924



5.7243, 0.2781, 0.2293



2.5254, 0.3000, 0.3086



1.2381, 0.1508, 0.0629



6.4098, 0.1503, 0.0612

Previews

White Background



This preview shows how the Yxy color 11.4723, 0.3675, 0.4163 looks on a white background.

Color Contrast Check

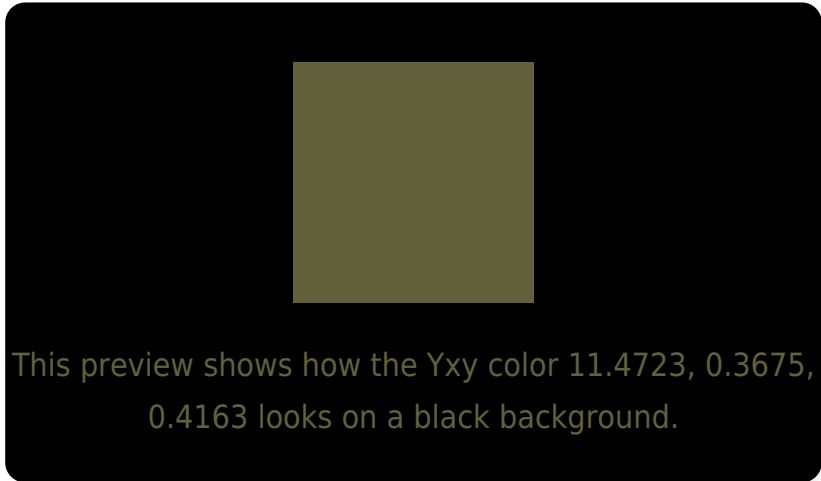
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

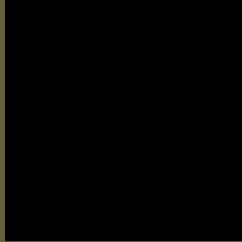
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.4723, 0.3675, 0.4163

Background



This preview shows how black text looks on a background with the Yxy color 11.4723, 0.3675, 0.4163.



This preview shows how white text looks on a background with the Yxy color 11.4723, 0.3675, 0.4163.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.4723, 0.3675, 0.4163

Protanopia

11.4432, 0.3807, 0.4113

Deuteranopia

11.4639, 0.4000, 0.3935



Tritanopia

11.4387, 0.3197, 0.3133

Trichromacy



Original Color

11.4723, 0.3675, 0.4163

Protanomaly

11.5063, 0.3764, 0.4144

Deuteranomaly

11.4168, 0.3880, 0.4004

Tritanomaly

11.4280, 0.3371, 0.3499

Monochromacy



Original Color

11.4723, 0.3675, 0.4163

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.0324, 0.3334, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4723, 0.3675, 0.4163 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(98, 97, 60) looks like.

```
.text, #text, p{  
    color:rgb(98, 97, 60)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(98, 97, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 97, 60) }
```

Border

The CSS property to change the border of an element to Yxy 11.4723, 0.3675, 0.4163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 97, 60) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(98, 97, 60) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(98, 97, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 97, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 97, 60);  
box-shadow:4px 4px 4px 4px rgb(98, 97, 60)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4723, 0.3675, 0.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 97, 60) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(98, 97,  
60) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor